



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#14/18  
Duffy  
11/9/94

re application of :

Michael A. REEVE :

Serial No. 08/253,212 :

Group Art Unit 1815 ✓

Filed June 2, 1994 :

METHOD TO ISOLATE MACROMOLECULES:  
USING MAGNETICALLY ATTRACTABLE  
BEADS WHICH DO NOT SPECIFICALLY  
BIND THE MACROMOLECULES

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEE FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975.

PRELIMINARY AMENDMENT

Honorable Commissioner of Patents and Trademarks,  
Washington, D.C.

Sir:

In the interest of compact prosecution, please amend  
the present application as follows:

IN THE CLAIMS:

13. (Twice amended) A [Method] method of making a  
solution containing nucleic-acid [-containing liquid] by treating  
a <sup>starting</sup> solution by the use of suspended magnetically attractable beads  
which do not specifically bind the nucleic acid, comprising the  
steps of:

precipitating the nucleic acid out of the solution  
in the presence of the suspended magnetically attractable beads  
whereby the nucleic acid precipitate becomes non-specifically  
associated with the beads,

applying a magnetic field to draw down a  
precipitate of the nucleic acid and associated beads,  
separating the precipitate from the supernatant  
liquid,

adding liquid to the precipitate to redissolve the  
nucleic acid and re-suspend the beads,

applying a magnetic field to draw down the beads,  
and